



Climate protection for future-proof food

Climate change is already having a noticeable impact on people and nature. Climate protection is also essential for the food retail sector, as it is directly affected by climate-related risks such as crop failures. To limit the consequences, global greenhouse gas emissions (GHG emissions) must be halved by 2030 and reduced to net zero by 2050 at the latest.

3 FACTS: CLIMATE IMPACTS

Food systems

The food sector can actively contribute to reducing around [one-third](#) of global GHG emissions.

Biodiversity

[35%](#) of global food production depends on pollination.

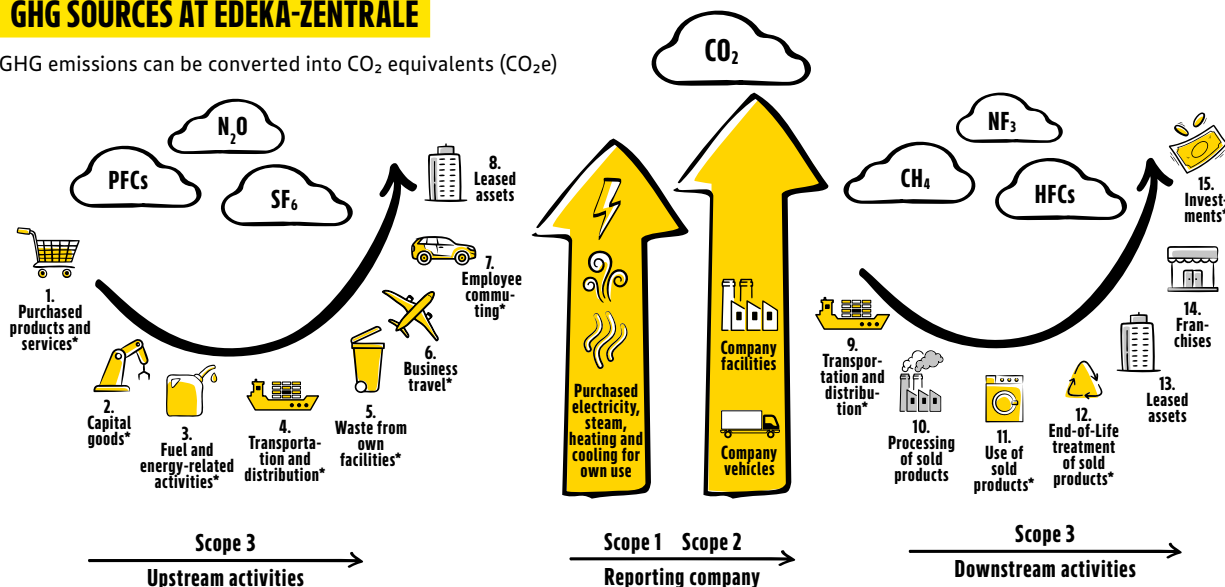


Extreme weather

By 2050, around [10%](#) of global agricultural land could become unsuitable for cultivation.

GHG SOURCES AT EDEKA-ZENTRALE

GHG emissions can be converted into CO₂ equivalents (CO₂e)



*yellow symbols for Scope 3 indicate emission categories of particular importance for EDEKA-Zentrale.

HOW DO CLIMATE AND OUR DIET INFLUENCE EACH OTHER?

- Climate change and biodiversity loss are leading to crop failures, which has a direct impact on food availability and prices.
- Climate impacts threaten agriculture, while our food system causes around one third of global GHG emissions. Cultivation areas for coffee, cocoa, and many fruits are shrinking significantly.

HOW CAN EMISSIONS BE MEASURED?

The climate balance is divided into Scope 1-3 and is calculated using the Corporate Carbon Footprint (CCF) and the Product Carbon Footprint (PCF). They show how many GHG emissions a company or a product causes over its entire life cycle.

PCF EXAMPLES IN KG CO₂E / KG





Our goal: Net zero by 2045

Climate protection is a core component of EDEKA-Zentrale's sustainability strategy and its long-standing partnership with WWF. EDEKA-Zentrale's long-term goal is to reduce GHG emissions to net zero by 2045 (base year 2022).



1. Record GHG emissions & identify hot spots

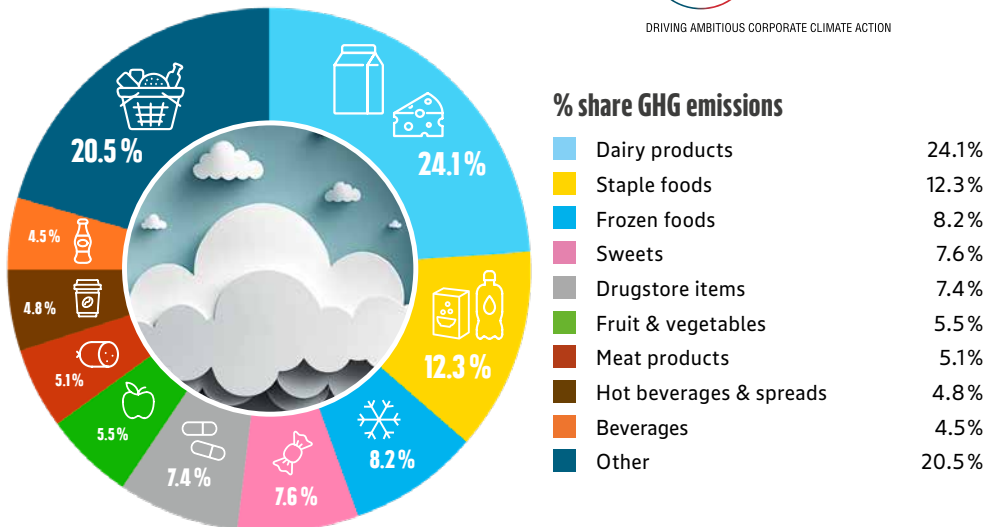
The climate balance forms the basis for our targets and measures. The balance sheet enables us to identify hot spots, for example emission-intensive product groups.

2. Set science-based targets

Based on its climate balance, EDEKA-Zentrale has formulated climate targets that are validated and regularly reviewed by the Science-Based Targets Initiative (SBTi). These targets cover Scope 1-3 of the EDEKA-Zentrale.

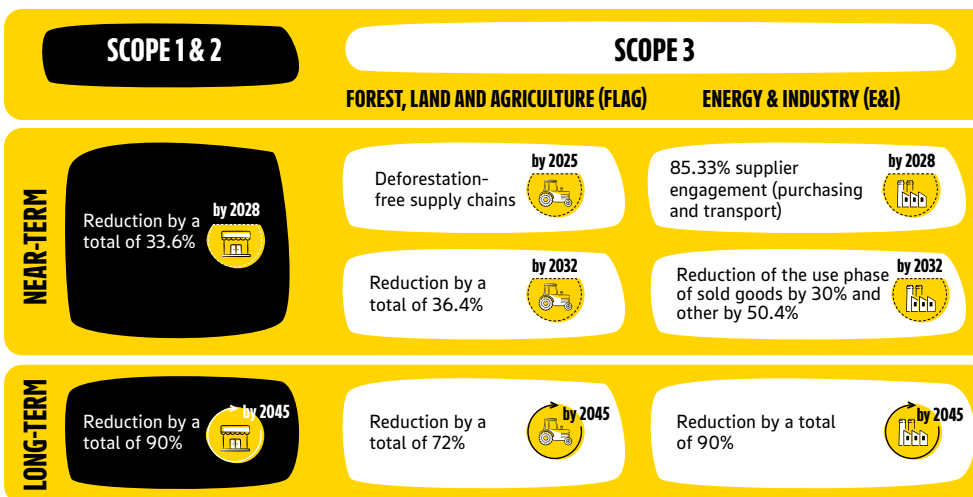


CLIMATE HOTSPOTS IN THE PRODUCT RANGE



Distribution of GHG emissions from EDEKA-Zentrale's product range (total 34.1 million tons of CO₂e) in 2024

THE SBTI-VALIDATED TARGETS OF EDEKA-ZENTRALE



All reduction targets refer to the base year 2022.

3. Define areas of action & reduce emissions

The identified hot spots enable targeted prioritization and implementation of measures.

What we implement independently:

- Energy-efficient building renovation and new construction
- Electrification of the vehicle fleet
- Switch to renewable energies
- Switch to more climate-friendly refrigerants

What we implement together with our suppliers:

- Cooperation with suppliers, e.g. training courses on reducing emissions
- Ensuring deforestation-free supply chains
- Promotion of sustainable eating habits

